

WHAT IS CLAIMED IS:

1. A mounting bracket for a compressor having a housing, said mounting bracket comprising:

a mounting member secured to the housing and having a central support section in substantial registry with the housing and first and second legs extending from opposite ends of said support section, said first and second legs including first and second distal portions respectively extending from said first and second legs, each of said first and second distal portions respectively defining an angle with said first and second legs;

an elongate bracing member, said bracing member extending between a first end and an opposite second end, a first swaged connection between said bracing member proximate said first end and said first distal portion and a second swaged connection between said bracing member proximate said second end and said second distal portion securely engaging said bracing member with said mounting member; said first and second swaged connections each defining an aperture through said bracing member and a respective one of said first and second distal portions.

2. The mounting bracket of claim 1 wherein said first and second distal portions each include a plurality of bent tabs disposed adjacent said bracing member.

3. The mounting bracket of claim 1 wherein said distal portions are collinearly disposed at spaced locations.

4. The mounting bracket of claim 1 wherein said bracing member is a substantially planar, substantially rectangular member.

5. The mounting bracket of claim 4 wherein said mounting member is formed from a bent sheet material.

6. The mounting bracket of claim 1 wherein said arcuate portion defines a portion of a cylinder having an axis.

7. The mounting bracket of claim 6 wherein said first and second legs are positioned at a non-perpendicular angle to the axis.

8. A compressor assembly comprising:  
an hermetically sealed compressor housing having an exterior surface;  
a compressor mechanism disposed within said housing;  
a mounting bracket having a mounting member and an elongate bracing member;

said mounting member secured to said housing and having a central arcuate section in registry with said exterior surface of said housing and first and second legs extending from opposite ends of said arcuate section, said first and second legs including first and second distal portions respectively extending from said first and second legs;

    said bracing member extending between a first end and an opposite second end, said bracing member secured to said mounting member at first and second connections, said first connection being between said bracing member proximate said first end and said first distal portion wherein at least one of said bracing member and said first distal portion has been deformed into secure engagement with the other of said bracing member and said first distal portion and said second connection being between said bracing member proximate said second end and said second distal portion wherein at least one of said bracing member and said second distal portion has been deformed into secure engagement with the other of said bracing member and said second distal portion.

9.     The compressor assembly of claim 8 wherein said housing is substantially cylindrical and has a central axis which is oriented in a substantially horizontal position.

10.    The compressor assembly of claim 9 further comprising a second mounting bracket having a second mounting member and a second elongate bracing member;

    said second mounting member secured to said housing and having a second central arcuate section in registry with said exterior surface of said housing and third and fourth legs extending from opposite ends of said second arcuate section, said third and fourth legs respectively including third and fourth distal portions respectively extending from said third and fourth legs;

    said second bracing member extending between a third end and an opposite fourth end, said second bracing member secured to said second mounting member at third and fourth connections, said third connection being between said second bracing member proximate said third end and said third distal portion wherein at least one of said second bracing member and said third distal portion has been deformed into secure engagement with the other of said second bracing member and said third distal portion and said fourth connection being between said second bracing member proximate said fourth end and said fourth distal portion securely engaging said second bracing member and said second mounting member wherein at least one of said second bracing member and said fourth distal

portion has been deformed into secure engagement with the other of said second bracing member and said fourth distal portion.

11. The compressor assembly of claim 8 wherein said mounting member is welded to said housing.

12. The compressor assembly of claim 8 wherein said bracing member is a substantially planar, substantially rectangular member.

13. The compressor assembly of claim 12 wherein said mounting member is formed from a bent sheet material.

14. A method of mounting a hermetically sealed compressor having a housing, said method comprising:

providing a mounting member, said mounting member having a central support section, first and second legs extending from opposite ends of said support section, said first and second legs including first and second distal portions respectively extending from said first and second legs, each of said first and second distal portions respectively defining an angle with said first and second legs;

securing said mounting member to the housing wherein said support section is in registry with the housing;

providing an elongate bracing member having a first end and an opposite second end; and

securing said elongate bracing member to said mounting member to form a mounting bracket including fixedly engaging said bracing member proximate said first end with said first distal portion by deforming at least one of said bracing member and said first distal portion into engagement with the other of said bracing member and said first distal portion and fixedly engaging said bracing member proximate said second end with said second distal portion by deforming at least one of said bracing member and said second distal portion into engagement with the other of said bracing member and said second distal portion.

15. The method of claim 14 wherein said first and second distal portions each include a plurality of bent tabs extending therefrom and said step of securing said elongate bracing member to said mounting member further comprises positioning said first and second ends adjacent said bent tabs.

16. The method of claim 14 wherein said step of securing said mounting member to the housing precedes said step of securing said elongate bracing member to said mounting member.

17. The method of claim 14 further comprising:

providing a second mounting member, said second mounting member having a second central support section and third and fourth legs extending from opposite ends of said second support section, said third and fourth legs including third and fourth distal portions respectively extending from said third and fourth legs, each of said third and fourth distal portions respectively defining an angle with said third and fourth legs;

securing said second mounting member to said housing wherein said second support section is in registry with said housing;

providing a second elongate bracing member having a third end and an opposite fourth end; and

securing said second elongate bracing member to said second mounting member to form a second mounting bracket including fixedly engaging said second bracing member proximate said third end with said third distal portion by deforming at least one of said second bracing member and said third distal portion into engagement with the other of said second bracing member and said third distal portion and fixedly engaging said second bracing member proximate said fourth end with said fourth distal portion by deforming at least one of said second bracing member and said fourth distal portion into engagement with the other of said bracing member and said fourth distal portion.

18. The method of claim 17 wherein both said support section and said second support section comprise arcuate sections which each define a portion of a cylinder having a common axis.

19. The method of claim 18 wherein said mounting bracket and said second mounting bracket are secured to the housing in positions wherein said first, second, third and fourth legs are each disposed at a common angle to the common axis, said common angle being a non-perpendicular angle.

20. The method of claim 17 wherein said step of securing said mounting member to the housing and said step of securing said second mounting member to the housing both precede the steps of securing said elongate bracing member to said mounting member and securing said second elongate bracing member to said second mounting member.